



OAQ Process Information Application

PI-17: BLASTING OPERATIONS

State Form 52558 (2-06)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

IDEM – Office of Air Quality – Permits Branch
100 N. Senate Avenue, Indianapolis, IN 46204

Telephone: (317) 233-0178 or
Toll Free: 1-800-451-6027 x30178 (within Indiana)
Facsimile Number: (317) 232-6749
www.IN.gov/idem/air/permits/index.html

NOTES:

- The purpose of this form is to obtain detailed information about the blasting process. Complete one form for each unit (or group of identical units). This is a required form.
- Detailed **instructions** for this form are available online at www.in.gov/idem/air/permits/apps/instructions/pi17instructions.html.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

PART A: Blasting Process Information

Part A identifies the blasting process. If there are multiple process units that are identical in nature, capacity, and use, you may use one form to summarize the data for the identical process units.

1. Unit ID:

2. Installation Date:
(actual or anticipated)

3. How many (identical) process units are identified in this form?

☐ One

☐ More than one (specify number) : _____

4. Type of Unit (Check all that apply):

☐ Mechanical

☐ Pneumatic

☐ Other (specify):

5. Blasting Area:

☐ Open

☐ Totally Enclosed

6. Add-On Control Technology: Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").

☐ None

☐ Baghouse / Fabric Filter – Attach CE-02.

☐ Cyclone – Attach CE-03.

☐ Electrostatic Precipitator – Attach CE-04.

☐ Other (specify):

– Attach CE-10.

7. Control Techniques: Identify all control techniques used for this process.

8. Process Limitations / Additional Information: Identify any acceptable process limitations. Attach additional information if necessary.

This space is intentionally left blank.

PART B: Blast Media Information

Part B describes in detail the blast media. In the following table, list all corresponding information for the blast media.

9. Blast Media	10. Media Density (lb/ft ³)	Pneumatic Blasting	Mechanical Blasting	
		11. Nozzle Internal Diameter (inches)	12. Nozzle Pressure (psig)	13. Blast Rate (lb/hr)

PART C: Emission Factors

Part C identifies all emission factors used to calculate air emissions from this process.

10. Process Unit (& ID if applicable)	11. Air Pollutant	12. Emission Factor		13. Source of Emission Factor (if not using AP-42, include calculations)
		value	units	
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

PART D: Federal Rule Applicability

Part D identifies any federal rules that apply to the process.

14. Is a **New Source Performance Standard (NSPS)** applicable to this source?
Attach a completed FED-01 for each rule that applies. ☐ Yes ☐ No

40 CFR Part 60, Subpart _____ (Specify):

15. Is a **National Emission Standard for Hazardous Air Pollutants (NESHAP)** applicable to this source? *Attach a completed FED-01 for each rule that applies.* ☐ Yes ☐ No

40 CFR Part 61, Subpart _____ (Specify):

40 CFR Part 63, Subpart _____ (Specify):

16. **Non-Applicability Determination:** *Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.*